

SEQUENCE LISTING

<110> Texas Tech University
Shaw, Robert W.

<120> Inhibition of metallo-beta-lactamase

<130> 218601.00003

<160> 6

<170> PatentIn version 3.1

<210> 1
<211> 16
<212> DNA
<213> artificial sequence

<220>
<223> A 16 mer with a NdeI restriction site for SELEX.

<400> 1
gcgccatattg cgcgcg 16

<210> 2
<211> 15
<212> DNA
<213> artificial sequence

<220>
<223> A 15 mer with a SecI restriction site for SELEX.

<400> 2
cgcgagctcc gcgcg 15

<210> 3
<211> 30
<212> DNA
<213> artificial sequence

<220>
<223> This is the aptamer sequence after 16 rounds of SELEX.

<220>
<221> misc_feature
<222> (2)..(2)
<223> n is A or T or G or C

<220>
<221> misc_feature
<222> (4)..(4)
<223> n is A or T or G or C

<220>
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<222> (6)..(8)

<223> N is A or T or G or C

<220>

<221> misc_feature

<222> (11)..(13)

<223> N is A or T or G or C

<220>

<221> misc_feature

<222> (15)..(15)

<223> N is A or T or G or C

<220>

<221> misc_feature

<222> (17)..(18)

<223> N is A or T or G or C

<220>

<221> misc_feature

<222> (20)..(21)

<223> N is A or T or G or C

<220>

<221> misc_feature

<222> (25)..(28)

<223> N is A or T or G or C

<400> 3

ancnannntt nnntngnngn ncatnnnnaa

30

<210> 4

<211> 30

<212> DNA

<213> artificial sequence

<220>

<223> This is the aptamer 30-mer sequence after 21 rounds of SELEX.

<400> 4

aaccaaactt ggatcggtgc acatgtcgaa

30

<210> 5

<211> 10

<212> DNA

<213> artificial sequence

<220>

<223> This is a 10 mer that contains a specific stem loop structure

<220>

<221> stem_loop

<222> (1)..(10)

<223>

<400> 5
ccaaacttgg

10

<210> 6
<211> 61
<212> DNA
<213> artificial sequence<220>
<223> the aptamer (61-mer)<400> 6
gcgccatatg cgcggaacc aaacttggat cggcgacat gtcgaacgcg cggagctcgc 60
g 61